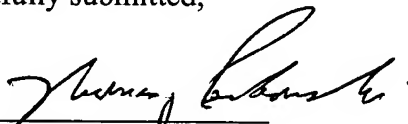


REMARKS

Applicant has amended the Specification to ensure correspondence between the Specification and Formal Drawings filed herewith.

Respectfully submitted,

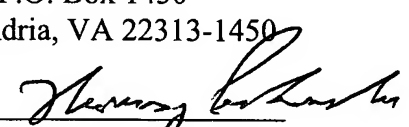
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SPECIFICATIONS FOR PENTA 1, PENTA 2, PENTA 3 SCANNERS**OPERATIONAL**

LIGHT SOURCE	5 VISIBLE LASER DIODES 858 + 5mm
LASER POWER	8.4mW (PEAK): LESS THAN 1 mW AVERAGE POWER
DEPTH OF SCAN FIELD	914mm (36") FOR 0.33 mm (13mil) BAR CODES 965mm (38") FOR 0.38 mm (15mil) BAR CODES 1,016mm (40") FOR 0.43 mm (17mil) BAR CODES
WIDTH OF SCAN FIELD	PENTA 1 : 457mm (18") PENTA 2 : 838mm (33") PENTA 3 : 1219mm (48")
SCAN SPEED	PENTA 1 : 6,930 SCAN LINES PER SECOND PENTA 2 : 13,860 SCAN LINES PER SECOND PENTA 3 : 20,790 SCAN LINES PER SECOND
SCAN PATTERN	OMNIDIRECTIONAL 5-SIDED PENTAGON SCAN PATTERN PENTA 1: 20 SCAN LINES REPEATED AT FOUR DISTANCES (80 TOTAL) PENTA 2: 40 SCAN LINES REPEATED AT FOUR DISTANCES (160 TOTAL) PENTA 3: 60 SCAN LINES REPEATED AT FOUR DISTANCES (240 TOTAL)
MINIMUM BAR WIDTH	0.33 mm (13mil)
DECODE CAPABILITY	AUTODISCRIMINATES ALL STANDARD BAR CODES
SYSTEM INTERFACES	RS 232. POINT TO POINT. RS422. LIGHT PEN EMULATION
PRINT CONTRAST	35% MINIMUM REFLECTANCE DIFFERENCE
NUMBER CHARACTERS READ	UP TO 60 DATA CHARACTERS. (MAXIMUM NUMBER WILL VARY BASED ON SYMBOLOGY AND DENSITY)
ASPECT RATIO	UP TO 2.6 TO 1

FIG. 8

FIG. 8.

PACKAGE IN THE TUNNEL(PITT) INDICATION
SUBSYSTEM (500)

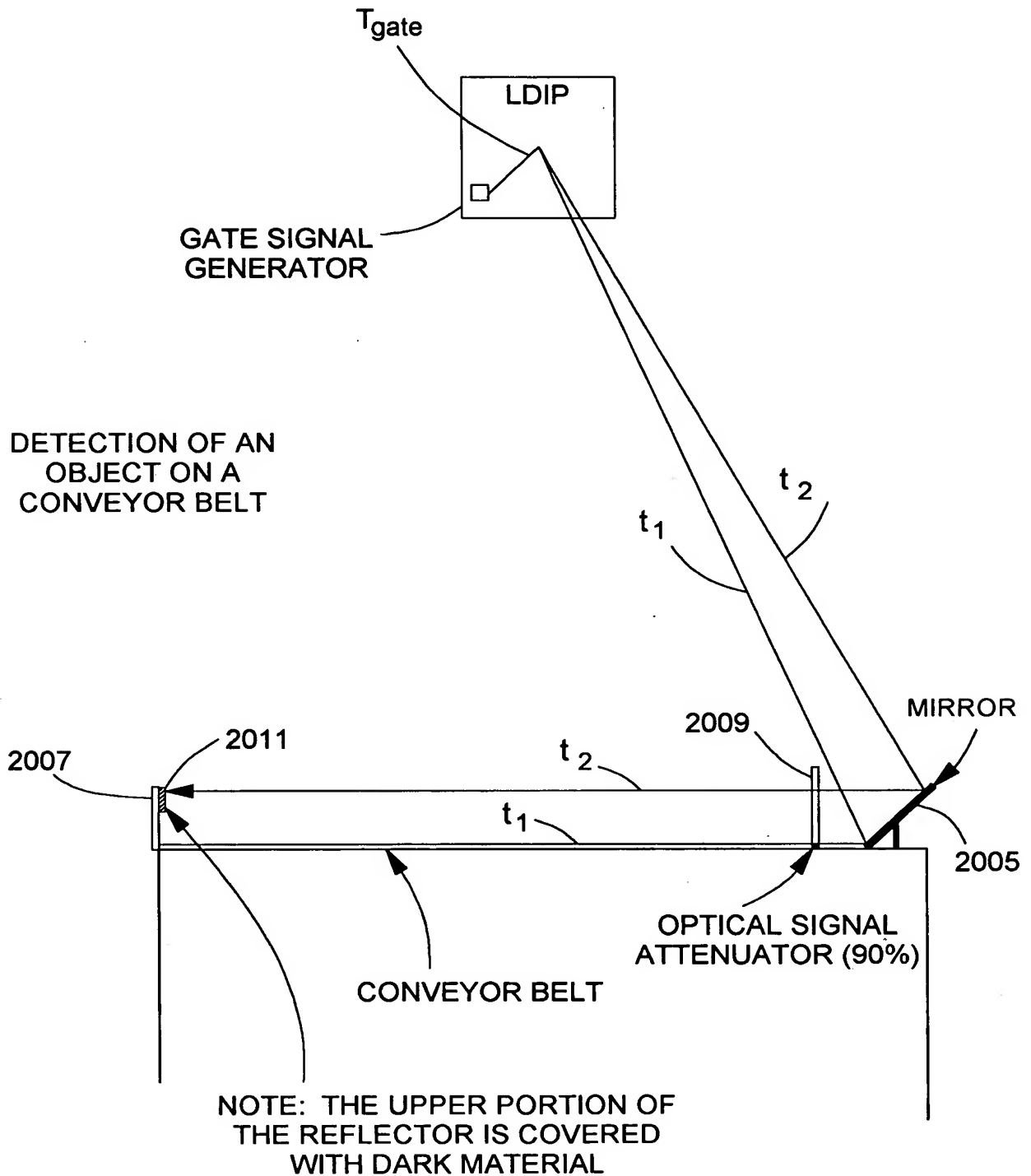


FIG. 33A— 33C

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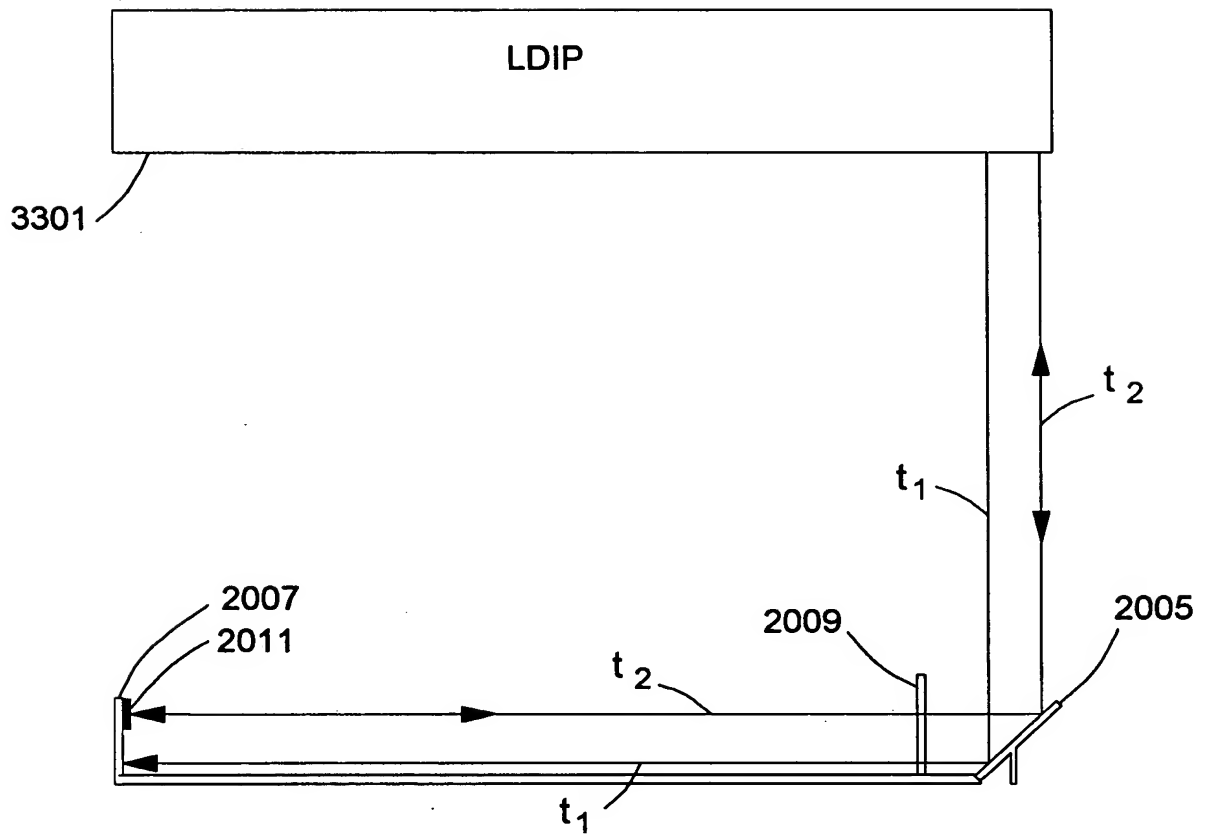
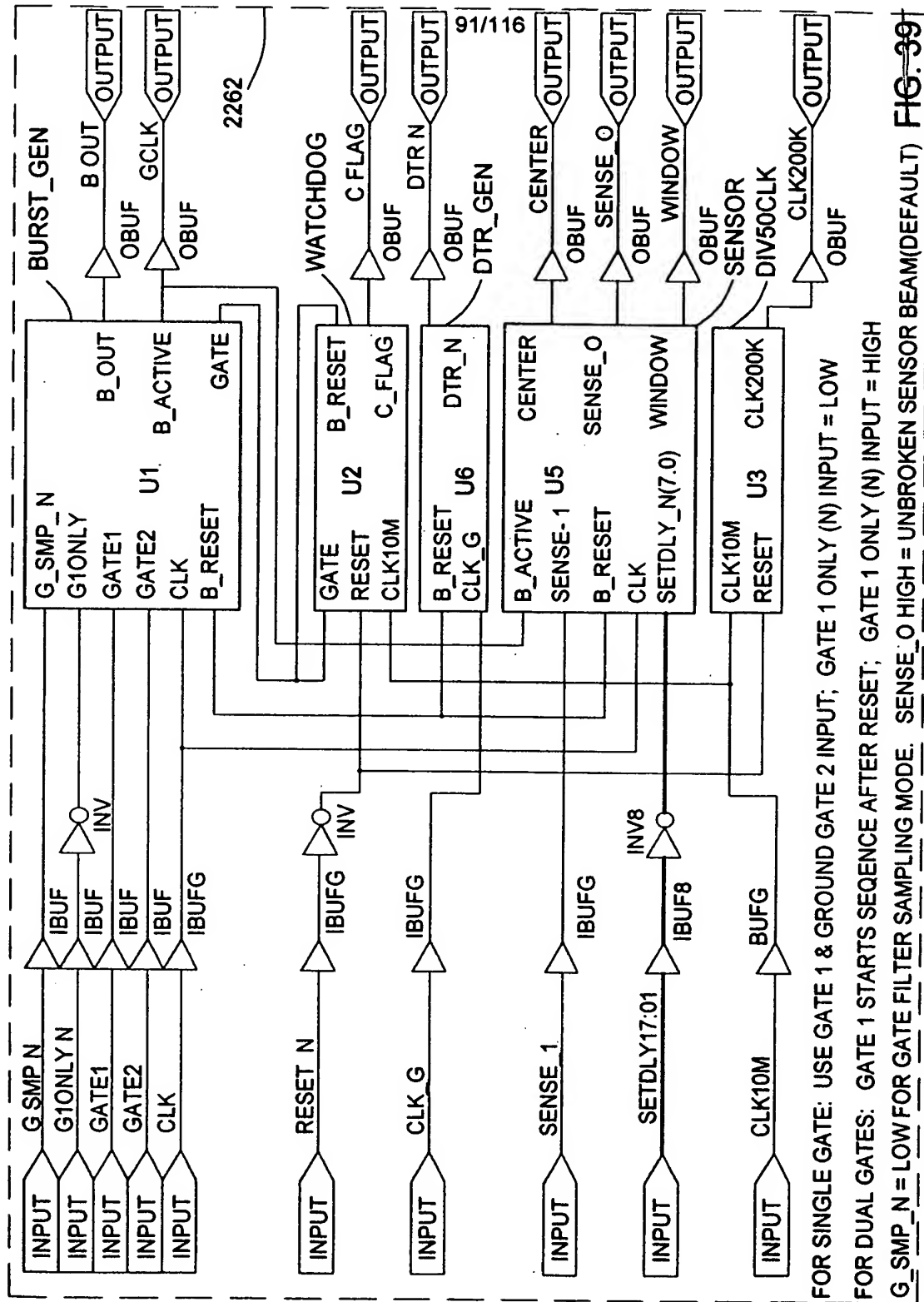


FIG. 33B-33D



FOR SINGLE GATE: USE GATE 1 & GROUND GATE 2 INPUT; GATE 1 ONLY (N) INPUT = LOW

FOR DUAL GATES: GATE 1 STARTS SEQUENCE AFTER RESET; GATE 1 ONLY (N) INPUT = HIGH

G_SMP_N = LOW FOR GATE FILTER SAMPLING MODE. SENSE_O HIGH = UNBROKEN SENSOR BEAM(DEFAULT)

FIG. 39

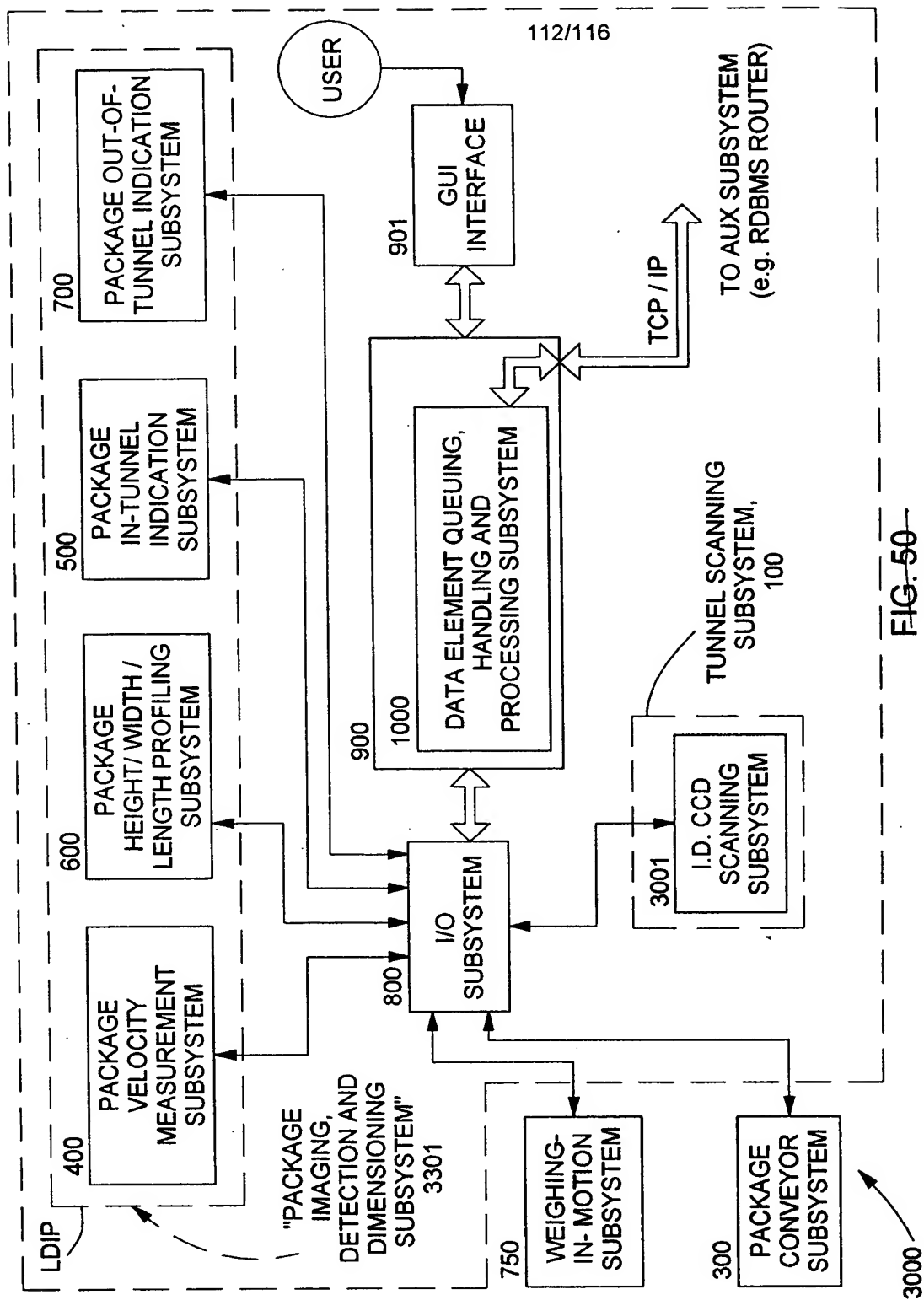


FIG. 50

FIG. 50